

# ROBBINS LIBRARY

## EXTERIOR ENVELOPE REPAIRS - PHASE 1A BID NO.19-58



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ROBBINS LIBRARY  
TOWN OF  
ARLINGTON  
700 MASSACHUSETTS AVENUE  
ARLINGTON MA, 02476

EXTERIOR  
ENVELOPE  
REPAIRS -  
PHASE 1A  
BID NO. 19-58



Drawing Title:

COVER SHEET

Revisions:

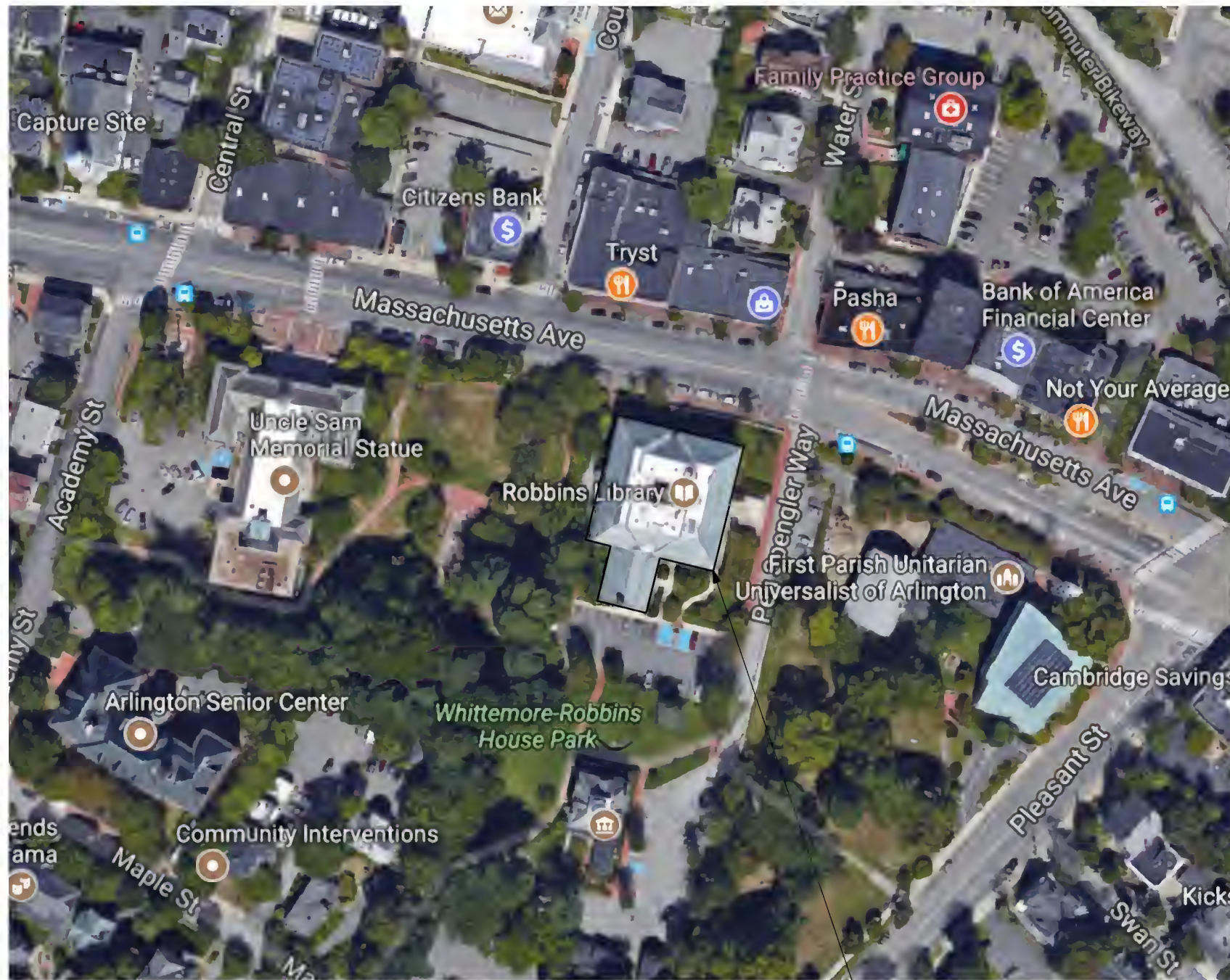
Submission:

BID  
DOCUMENTS

Date: 11/07/2019  
Project Number: 17152-A  
Project Manager: ALS  
Drawn By: RF  
Scale: AS NOTED

G1-01

### LOCATOR MAP



NOTE:  
CONTRACTOR TO FIELD VERIFY ALL  
DIMENSIONS AND CONDITIONS.

### DRAWING SHEETS:

#### GENERAL

G0-01 COVER SHEET

#### LANDSCAPE

L1-01 EXISTING SITE PLAN

#### ARCHITECTURAL

A2-01 EAST EXTERIOR ELEVATION  
A2-02 SOUTH EXTERIOR ELEVATION  
A2-03 WEST EXTERIOR ELEVATION  
A2-04 NORTH EXTERIOR ELEVATION  
A4-01 REPAIR & RESTORATION DETAILS

### GENERAL NOTES:

- G0 THE TOWN OF ARLINGTON AND CBI CONSULTING LLC, SHALL BE ADDED AS ADDITIONAL INSUREDS TO THE CONTRACTOR'S COMMERCIAL GENERAL LIABILITY, AUTOMOBILE LIABILITY AND UMBRELLA POLICIES FOR THIS PROJECT. ALL OF THE CONTRACTOR'S INSURERS SHALL PROVIDE A WAIVER OF SUBROGATION IN FAVOR OF THE TOWN OF ARLINGTON AND CBI CONSULTING INC.
- G1 CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND COORDINATING ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. IN CASE OF CONFLICT, THE ARCHITECT SHALL BE NOTIFIED AND SHALL RESOLVE THE CONFLICT. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS.
- G2 IN ANY CASE OF CONFLICT BETWEEN OR WITHIN THE DRAWINGS AND THE PROJECT SPECIFICATIONS OR WITHIN THE DRAWINGS OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN AT THE SOLE DISCRETION OF THE ARCHITECT.
- G3 THE CONTRACTOR SHALL MAKE NO DEVIATION FROM DESIGN DRAWINGS WITHOUT PRIOR REVIEW BY THE ARCHITECT.
- G4 WORK NOT INDICATED ON A PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED. ANY CONDITION FOUND NOT DETAILED SHALL BE CONSTRUCTED IN A MANNER SIMILAR TO THAT OF THE TYPICAL DETAILS.
- G5 ALL WORK SHALL COMPLY WITH APPLICABLE CODES AND LOCAL LAWS AND REGULATIONS.
- G6 GENERAL CONTRACTOR SHALL COORDINATE LOCATIONS OF OPENINGS, PITS, BOXES, SUMPS, TRENCHES, SLEEVES, DEPRESSIONS, GROOVES, AND CHAMFERS, WITH MECHANICAL, ELECTRICAL AND PLUMBING TRADES.
- G7 THE STRUCTURAL DESIGN OF THE BUILDING IS BASED ON THE FULL INTERACTION OF ALL ITS COMPONENT PARTS. NO PROVISIONS HAVE BEEN MADE FOR CONDITIONS OCCURRING DURING CONSTRUCTION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO MAKE PROPER AND ADEQUATE PROVISIONS FOR STABILITY OF, AND ALL STRESSES TO, THE STRUCTURE DUE TO ANY CAUSE DURING CONSTRUCTION.
- G8 CONTRACTOR SHALL NOT SCALE DRAWINGS. CONTRACTOR SHALL REQUEST ALL DIMENSIONS OR INFORMATION REQUIRED TO PERFORM THE WORK FROM THE ARCHITECT. WORK COMPLETED BY THE CONTRACTOR WITHOUT DIMENSIONS OR INFORMATION SHALL BE DONE AT HIS OWN RISK AND SHALL BE REMOVED AND REINSTALLED TO THE SPECIFICATIONS OF THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
- G9 MEANS AND METHODS OF CONSTRUCTION AS WELL AS COMPLIANCE WITH OSHA AND OTHER SAFETY LAWS AND REGULATIONS IS EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR, HIS SUBCONTRACTOR(S), SUPPLIERS, CONSULTANTS AND SERVANTS.
- G10 FOR ALL ITEMS THAT ARE TO BE REUSED AND/OR REINSTALLED AS PART OF THE WORK:
- ALL ITEMS THAT ARE TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. IF ANY DAMAGE OCCURS THE CONTRACTOR SHALL REPAIR THE ITEM SO IT IS IN A LIKE NEW CONDITION OR REPLACE IT WITH A NEW ITEM THAT FUNCTIONS THE SAME OR BETTER THAN THE ORIGINAL ITEM.
  - ALL ITEMS THAT ARE TO BE TEMPORARILY REMOVED & REINSTALLED ARE TO BE CAREFULLY REMOVED AND MOVED TO A PROTECTED AREA ON SITE OR TO AN OFF SITE FACILITY. THE ITEM IS TO BE CLEANED AND PREPARED FOR REINSTALLATION. ALL FITTINGS AND CONNECTION POINTS ARE TO BE INSPECTED AND REPAIRED. PROVIDE NEW FASTENERS AND CAREFULLY TRANSPORT THE ITEM BACK TO ITS ORIGINAL LOCATION AND CAREFULLY REINSTALL. IF ANY DAMAGE OCCURS THE CONTRACTOR SHALL REPAIR THE ITEM SO IT IS IN A LIKE NEW CONDITION OR REPLACE IT WITH A NEW ITEM THAT FUNCTIONS THE SAME OR BETTER THAN THE ORIGINAL ITEM.

### LIST OF ABBREVIATIONS

A.F.F.	ABOVE FINISH FLOOR
APPROX.	APPROXIMATE
BIT.	BITUMINOUS
BUR	BUILT UP ROOFING
CB	CATCH BASIN
CMU	CONCRETE MASONRY UNIT
CONC.	CONCRETE
CONT.	CONTINUOUS
D.S.	DOWNSPOUT
EQ	EQUAL
E.W.	EACH WAY
FD	FLOOR DRAIN
HC	HANDICAP
HT	HEIGHT
I IN	INVERT IN
I OUT	INVERT OUT
ID	INTERIOR DIAMETER
L.C.C.	LEAD COATED COPPER
MAX.	MAXIMUM
MIN.	MINIMUM
M.O.	MASONRY OPENING
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
OD	OVERHEAD DOOR
O.H.	OPPOSITE HAND
PAV.	PAVERS
P.T.	PRESSURE TREATED
SIM.	SIMILAR TO
S.S.	STAINLESS STEEL
T.	TREAD
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
V.I.F.	VERIFY IN FIELD
VCB	VINYL COVE BASE
W/	WITH
Z.C.C.	ZINC COATED COPPER
Ø	DIAMETER
+/-	PLUS OR MINUS

### SYMBOL LEGEND

88 AX-XX	SEE DETAIL 88 ON SHEET AX-XX
— —	BREAK LINE
↔	DIMENSION LINE
← →	EXTENT
⊙	DOOR TAG
⊞	WINDOW TAG

### CONTACT INFORMATION:

#### Architect



250 DORCHESTER AVENUE  
BOSTON, MA 02127

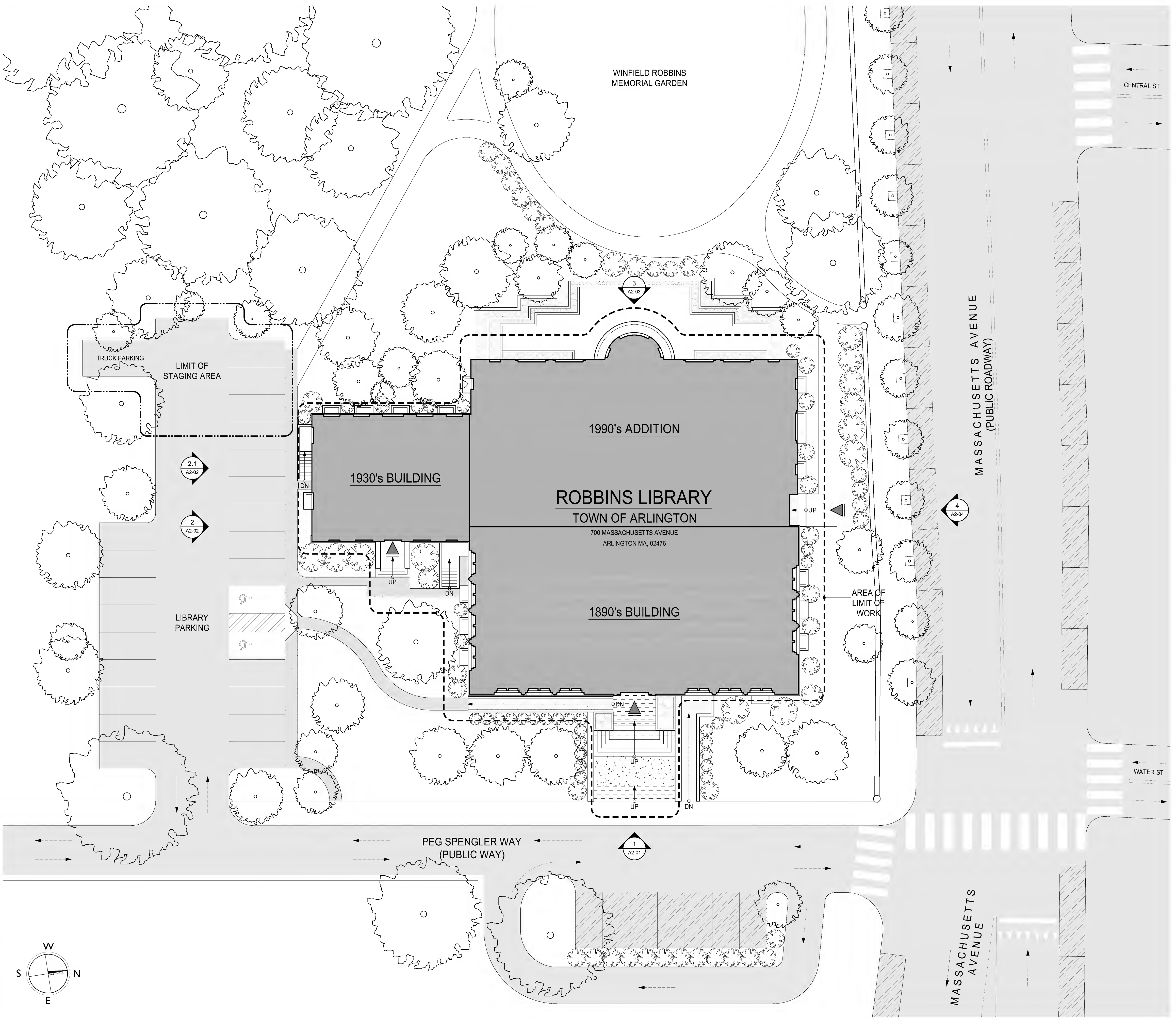
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#### Owner

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**EXTERIOR ELEVATION LEGEND**

- BUILDING ENTRY, TYPICAL
- EXTERIOR ELEVATION TAG, TYPICAL
- LIMIT OF WORK, TYPICAL
- LIMIT OF STAGING AREA, TYPICAL
- EXISTING PUBLIC PARKING, TYPICAL
- EXISTING ACCESSIBLE PARKING, TYPICAL
- DIRECTION OF VEHICULAR TRAFFIC, TYPICAL
- EXISTING TREE TO REMAIN, TYPICAL
- EXISTING SHRUBS TO REMAIN, TYPICAL
- EXISTING GRASS TO REMAIN, TYPICAL
- EXISTING BRICK PAVEMENT TO REMAIN, TYPICAL
- EXISTING CONCRETE PAVEMENT TO REMAIN, TYPICAL
- EXISTING ASPHALT PAVEMENT TO REMAIN, TYPICAL

- GENERAL SITE NOTES:**
1. PROTECT ALL EXISTING GRASS, SHRUBS AND TREES WITHIN AND IN PROXIMITY TO THE LIMIT OF WORK AREA INCLUDING, CONTRACTOR'S STORAGE, LAY-DOWN AND FENCED AREAS. DO NOT OPERATE MACHINERY UNDERNEATH TREE CANOPIES, TYPICAL. REPAIR OR REPLACE ALL DAMAGED AREAS TO THE SATISFACTION OF THE OWNER.
  2. THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION AND ALL EXITS AND ENTRANCES SHALL BE MAINTAINED CLEAR, CLEAN AND SAFE. PROVIDE TEMPORARY ENCLOSURES TO PROTECT THE BUILDING OCCUPANTS FROM THE WORK AND PROVIDE TEMPORARY DIRECTIONAL SIGNAGE FOR THE PUBLIC INSIDE AND OUTSIDE THE BUILDING. ALL SIDEWALKS, ALL CORRIDORS AND ALL STAIRS MUST REMAIN OPEN AND ACCESSIBLE AT ALL TIMES.
  3. SMOKING AND FOUL LANGUAGE IS STRICTLY PROHIBITED ON THE PROPERTY. WORKERS WHO ARE CAUGHT SMOKING OR USING FOUL LANGUAGE MAY BE PROHIBITED FROM RETURNING TO THE SITE FOR THE DURATION OF THE PROJECT AT THE SOLE DISCRETION OF THE OWNER.
  4. CONTRACTOR TO PROVIDE A SITE UTILIZATION PLAN SHOWING FINAL FENCING, PROTECTION, STAGING, DUMPSTER, STORAGE, ETC... FOR OWNER AND ARCHITECT'S APPROVAL PRIOR TO MOBILIZATION. LOCATIONS SHALL MINIMIZE DISRUPTIONS TO THE LIBRARY SCHEDULE, THE BUILDING AND THE SURROUNDING TO FULLEST EXTENT POSSIBLE.
  5. CONTRACTOR STORAGE AND LAY-DOWN AREA TO BE LIMITED TO THE AREA BETWEEN THE CONTRACTORS FENCE AND THE BUILDING ON THE SOUTH AND EAST SIDES OF THE BUILDING.

**CBI CONSULTING, LLC**  
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**EXTERIOR  
ENVELOPE  
REPAIRS -  
PHASE IA  
BID NO. 19-58**



Drawing Title:  
**EXISTING  
SITE PLAN**

Revisions:

Submission:  
**BID  
DOCUMENTS**

Date: 11/07/2019  
Project Number: 17152-A  
Project Manager: ALS  
Drawn By: LY/BDO  
Scale: 1/16"=1'-0"

**LI-01**

**1 EXISTING SITE PLAN**  
SCALE: 1/16"=1'-0"

P:\2017\17152-A\AutoCAD\Drawings\17152 LI-01.dwg Nov 07, 2019 9:51:11 am BKCCU



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**EXTERIOR  
ENVELOPE  
REPAIRS -  
PHASE IA  
BID NO. 19-58**



Drawing Title:

**EAST  
EXTERIOR  
ELEVATIONS**

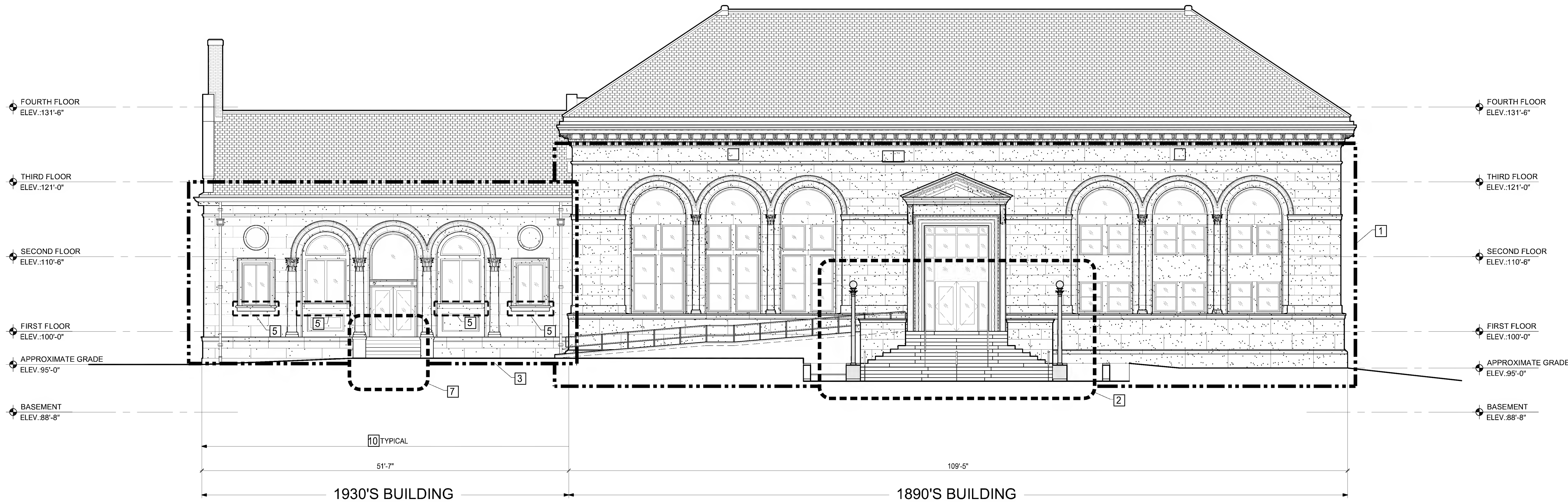
Revisions:

Submission:

**BID  
DOCUMENTS**

Date: 11/07/2019  
Project Number: 17152-A  
Project Manager: ALS  
Drawn By: LY/BDO  
Scale: 1/8"=1'-0"

**A2-01**



**1 EAST EXTERIOR ELEVATION**  
SCALE: 1/8"=1'-0"

**REPAIR AND RESTORATION WORK NOTES:**

- ROUTE AND CLEAN EXISTING CRACKS IN ANY SANDSTONE (1890'S BUILDING) DETAIL OR ELEMENT, AND FILL CRACKS WITH INJECTION RESTORATION REPAIR MORTAR. TOTAL QUANTITY OF 50 LINEAL FEET IN SELECT AND RANDOM LOCATIONS ACROSS ALL ELEVATIONS AS SELECTED BY ARCHITECT. REFER TO UNIT PRICES - SPECIFICATION 01 22 00.
  - REPLACE EXISTING SEALANT AND MORTAR JOINTS OF THE EXTERIOR GRANITE STONE STAIRS AT MAIN ENTRANCE OF THE 1890'S LIBRARY BUILDING. CUT, REMOVE AND DISPOSE OF 100% ALL EXISTING VERTICAL AND HORIZONTAL JOINT SEALANTS, INCLUDING UNDERLYING MORTAR A MINIMUM OF 1-1/2-INCHES OR UNTIL SOUND MORTAR FROM ALL GRANITE STONE STAIRS. APPLY NEW POINTING MORTAR TO WITHIN 1/2-INCH OF THE SURFACE AND APPLY POLYURETHANE SEALANT TO ALL GRANITE STONE JOINTS. STAIRS SHALL BE POWER WASHED CLEANED. SEE ENLARGE PLAN 1/ A401 AND DETAIL 5a & 5b / A4-01.
  - ROUTE AND CLEAN EXISTING CRACKS IN ANY ARCHITECTURAL CAST STONE ( 1930S BUILDING ) DETAIL OR ELEMENT, AND FILL CRACKS WITH INJECTION RESTORATION REPAIR MORTAR. TOTAL QUANTITY OF 25 LINEAL FEET IN SELECT AND RANDOM LOCATIONS ACROSS ALL ELEVATION SELECTED BY THE ARCHITECT. SEE DETAIL 1a & 1b/ A4-01. REFER TO UNIT PRICE - SPECIFICATION 01 22 00.
  - REMOVE AND DISPOSE OF EXISTING ARCHITECTURAL CAST STONE WINDOW HEAD IN TWO (2) LOCATIONS AS SELECTED BY THE ARCHITECT. TEMPORARILY SHORE AND SUPPORT OPENING, FABRICATE AND INSTALL NEW REINFORCED ARCHITECTURAL PRECAST HEADER TO MATCH SIZE, TEXTURE, AND COLOR. SEE DETAIL 9A/ A4-01. REFER TO UNIT PRICE - SPECIFICATION 01 22 00 AND DEDUCT ALTERNATE NO. 3
  - CUT OUT AND DISPOSE SPALLS, CHIPS AND DELAMINATIONS IN THE ARCHITECTURAL CAST STONE WINDOW SILL. CUT OUT A MINIMUM 1/2" DEEP & SQUARE OFF ALL EDGES. CLEAN SURFACE & APPLY SINGLE COMPONENT, CEMENTITIOUS MINERAL BASED REPAIR MORTAR TOTAL QUANTITY OF 208 CUBIC INCHES IN SELECT AND RANDOM LOCATIONS ACROSS ALL ELEVATION SELECTED BY THE ARCHITECT. REFER TO UNIT PRICE - SPECIFICATION 01 22 00.
  - RE-SEAL EXISTING ALUMINUM SPANDREL PANELS, AND GLASS PANELS AS IDENTIFIED AT 1990'S BUILDING. SEE DETAIL 8a & 8b / A4-01
    - CUT, REMOVE & DISPOSE OF EXISTING RUBBER GASKETS FLUSH WITH PANEL FRAME. SEE DETAIL8a/ A4-01
    - APPLY NEW BACKER ROD WHERE GASKETS ARE MISSING BETWEEN THE PANEL AND FRAME.
    - CLEAN AND PRIME SURFACES AND APPLY NON-SAG SINGLE COMPONENT SILICONE SEALANT. COLOR TO BE SELECTED BY ARCHITECT FROM FULL RANGE OF CUSTOM COLORS.
    - REFER TO DEDUCT ALTERNATE NO. 2.
  - CUT OUT AND DISPOSE SPALLS, CHIPS AND DELAMINATION IN THE ARCHITECTURAL CAST IN PLACE STONE EXIT STAIRS OF THE 1930'S BUILDING. CUT OUT A MINIMUM 1" DEEP & SQUARE OFF ALL EDGES. CLEAN SURFACE & APPLY SINGLE COMPONENT, CEMENTITIOUS MINERAL BASED REPAIR MORTAR.
  - REPLACE EXISTING SEALANT AND MORTAR JOINTS AT THE EXIT STAIRS OF THE 1930'S BUILDING. CUT, REMOVE AND DISPOSE OF 100% ALL EXISTING VERTICAL AND HORIZONTAL JOINT SEALANTS, INCLUDING UNDERLYING MORTAR A MINIMUM OF 1-1/2-INCHES OR UNTIL SOUND MORTAR FROM ALL ARCHITECTURAL CAST IN PLACE STONE STAIRS AND LANDING. APPLY NEW POINTING MORTAR TO WITHIN 1/2-INCH OF THE SURFACE AND APPLY POLYURETHANE SEALANT TO ALL CAST IN PLACE STONE STAIRS AND LANDING JOINTS. STAIRS SHALL BE POWER WASHED CLEANED. SEE DETAIL 3 & 4 / A4-01.
- DEDUCT ALTERNATES:**
- DEDUCT ALTERNATE NO.1 - ELIMINATE ALL REPAIR WORK ASSOCIATED WITH THE ENTRY/EXIT STAIRS OF THE 1930'S BUILDING, INCLUDING REPLACING EXISTING SEALANT AND MORTAR JOINTS, ALL AS INCLUDED IN NOTES 7 AND 8.
  - DEDUCT ALTERNATE NO.2 - ELIMINATE ALL WORK ASSOCIATED TO RESEAL THE EXISTING ALUMINUM SPANDREL PANELS FOR THE 1990'S BUILDING, ALL AS INCLUDED IN NOTE 6.
  - DEDUCT ALTERNATE NO.3 - ELIMINATE TWO (2) LOCATIONS OF WORK ASSOCIATED WITH REPLACING ARCHITECTURAL CAST STONE WINDOW HEAD, ALL AS INCLUDED IN NOTE 4.

**EXTERIOR ELEVATION LEGEND**

- | #  | REPAIR & RESTORATION WORK NOTE                   |
|----|--|
| 1  | LOCALIZED WORK                                   |
| 2  | LIMIT OF WORK                                    |
| 3  | SLATE SHINGLES, TYPICAL                          |
| 4  | BRICK MASONRY, TYPICAL                           |
| 5  | METAL PANEL, TYPICAL                             |
| 6  | WINDOW GLAZING, TYPICAL                          |
| 7  | 1890'S SANDSTONE MASONRY, TYPICAL                |
| 8  | 1930'S ARCHITECTURAL CAST STONE MASONRY, TYPICAL |
| 9  | LIMESTONE PANEL TYPE I, TYPICAL                  |
| 10 | LIMESTONE PANEL TYPE II, TYPICAL                 |



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**EXTERIOR  
ENVELOPE  
REPAIRS -  
PHASE 1A  
BID NO. 19-58**



Drawing Title:

**SOUTH  
EXTERIOR  
ELEVATIONS**

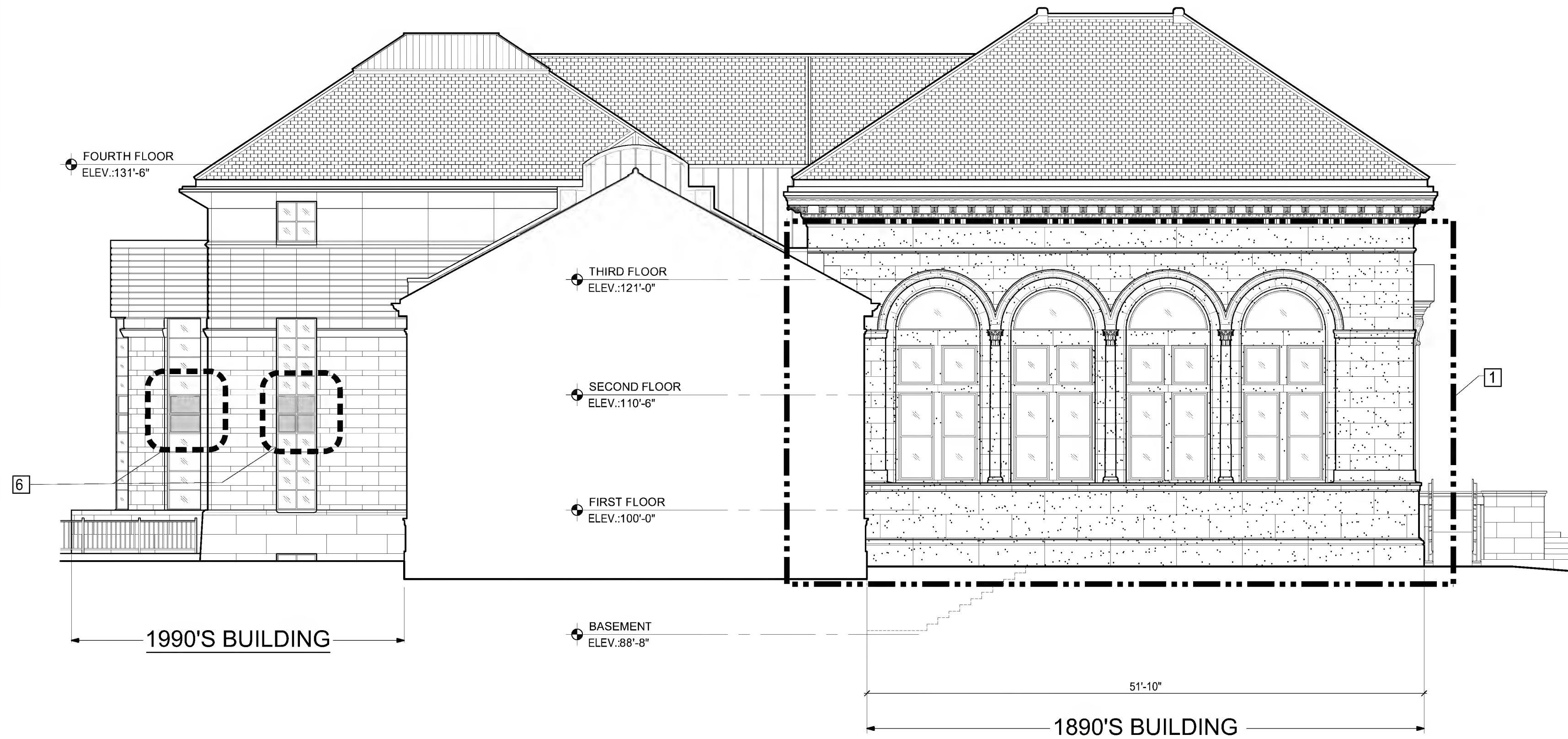
Revisions:

Submission:

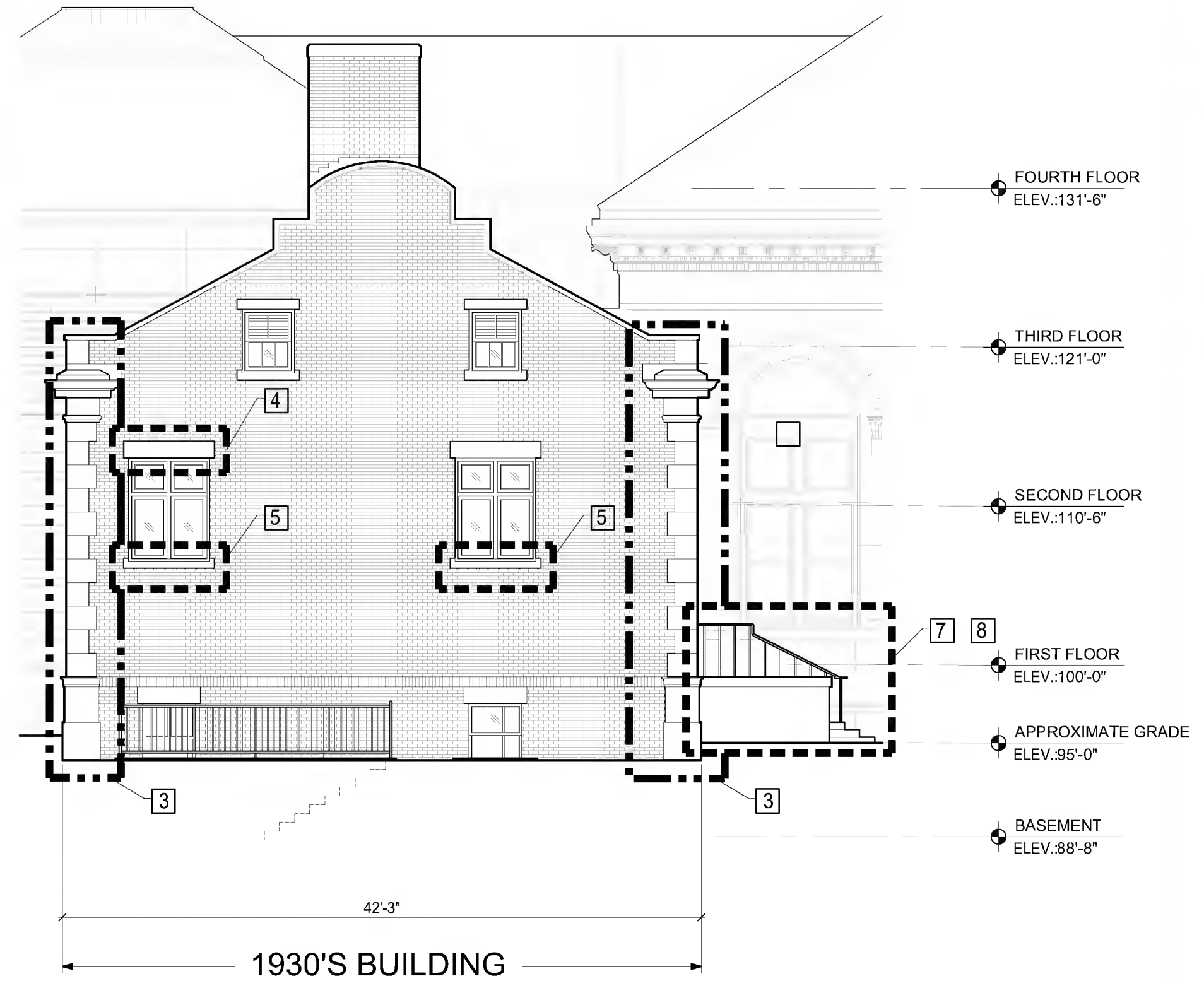
**BID  
DOCUMENTS**

Date: 11/07/2019  
Project Number: 17152-A  
Project Manager: ALS  
Drawn By: LY/BDO  
Scale: 1/8"=1'-0"

**A2-02**



**2 SOUTH EXTERIOR ELEVATION**  
SCALE: 1/8"=1'-0"



**2.1 PARTIAL SOUTH EXTERIOR ELEVATION**  
SCALE: 1/8"=1'-0"

**REPAIR AND RESTORATION WORK NOTES:**

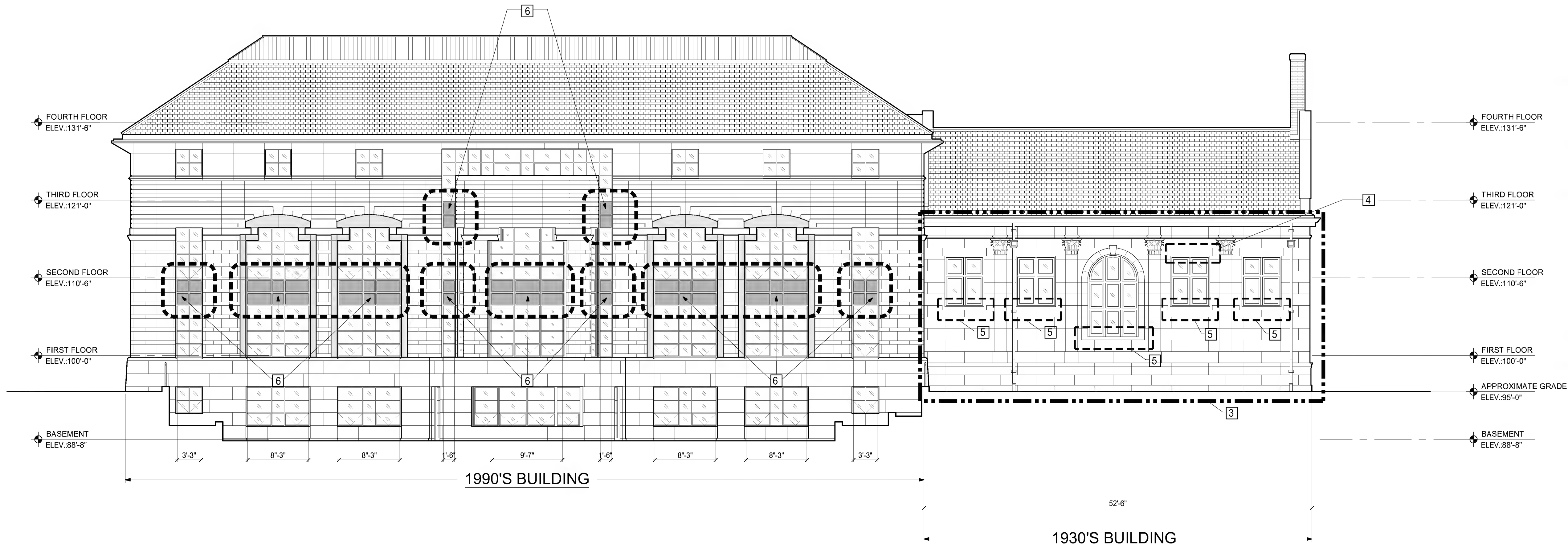
- 1.** ROUTE AND CLEAN EXISTING CRACKS IN ANY SANDSTONE (1890'S BUILDING) DETAIL OR ELEMENT, AND FILL CRACKS WITH INJECTION RESTORATION REPAIR MORTAR. TOTAL QUANTITY OF 50 LINEAL FEET IN SELECT AND RANDOM LOCATIONS ACROSS ALL ELEVATIONS AS SELECTED BY ARCHITECT. REFER TO UNIT PRICES - SPECIFICATION 01 22 00.
  - 2.** REPLACE EXISTING SEALANT AND MORTAR JOINTS OF THE EXTERIOR GRANITE STONE STAIRS AT MAIN ENTRANCE OF THE 1890'S LIBRARY BUILDING. CUT, REMOVE AND DISPOSE OF 100% ALL EXISTING VERTICAL AND HORIZONTAL JOINT SEALANTS, INCLUDING UNDERLYING MORTAR A MINIMUM OF 1-1/2-INCHES OR UNTIL SOUND MORTAR FROM ALL GRANITE STONE STAIRS. APPLY NEW POINTING MORTAR TO WITHIN 1/2-INCH OF THE SURFACE AND APPLY POLYURETHANE SEALANT TO ALL GRANITE STONE JOINTS. STAIRS SHALL BE POWER WASHED CLEANED. SEE ENLARGE PLAN 1/A401 AND DETAIL 5a & 5b / A4-01.
  - 3.** ROUTE AND CLEAN EXISTING CRACKS IN ANY ARCHITECTURAL CAST STONE ( 1930S BUILDING ) DETAIL OR ELEMENT, AND FILL CRACKS WITH INJECTION RESTORATION REPAIR MORTAR. TOTAL QUANTITY OF 25 LINEAL FEET IN SELECT AND RANDOM LOCATIONS ACROSS ALL ELEVATION SELECTED BY THE ARCHITECT. SEE DETAIL 1a & 1b / A4-01. REFER TO UNIT PRICE - SPECIFICATION 01 22 00.
  - 4.** REMOVE AND DISPOSE OF EXISTING ARCHITECTURAL CAST STONE WINDOW HEAD IN TWO (2) LOCATIONS AS SELECTED BY THE ARCHITECT. TEMPORARILY SHORE AND SUPPORT OPENING, FABRICATE AND INSTALL NEW REINFORCED ARCHITECTURAL PRECAST HEADER TO MATCH SIZE, TEXTURE, AND COLOR. SEE DETAIL 9A / A4-01. REFER TO UNIT PRICE - SPECIFICATION 01 22 00 AND DEDUCT ALTERNATE NO. 3
  - 5.** CUT OUT AND DISPOSE SPALLS, CHIPS AND DELAMINATIONS IN THE ARCHITECTURAL CAST STONE WINDOW SILL. CUT OUT A MINIMUM 1/2" DEEP & SQUARE OFF ALL EDGES. CLEAN SURFACE & APPLY SINGLE COMPONENT, CEMENTITIOUS MINERAL BASED REPAIR MORTAR TOTAL QUANTITY OF 208 CUBIC INCHES IN SELECT AND RANDOM LOCATIONS ACROSS ALL ELEVATION SELECTED BY THE ARCHITECT. REFER TO UNIT PRICE - SPECIFICATION 01 22 00.
  - 6.** RE-SEAL EXISTING ALUMINUM SPANDREL PANELS, AND GLASS PANELS AS IDENTIFIED AT 1990'S BUILDING. SEE DETAIL 8a & 8b / A4-01
    - a. CUT, REMOVE & DISPOSE OF EXISTING RUBBER GASKETS FLUSH WITH PANEL FRAME. SEE DETAIL 8a/ A4-01
    - b. APPLY NEW BACKER ROD WHERE GASKETS ARE MISSING BETWEEN THE PANEL AND FRAME.
    - c. CLEAN AND PRIME SURFACES AND APPLY NON-SAG SINGLE COMPONENT SILICONE SEALANT. COLOR TO BE SELECTED BY ARCHITECT FROM FULL RANGE OF CUSTOM COLORS.
    - d. REFER TO DEDUCT ALTERNATE NO. 2.
  - 7.** CUT OUT AND DISPOSE SPALLS, CHIPS AND DELAMINATION IN THE ARCHITECTURAL CAST IN PLACE STONE EXIT STAIRS OF THE 1930'S BUILDING. CUT OUT A MINIMUM 1" DEEP & SQUARE OFF ALL EDGES. CLEAN SURFACE & APPLY SINGLE COMPONENT, CEMENTITIOUS MINERAL BASED REPAIR MORTAR.
  - 8.** REPLACE EXISTING SEALANT AND MORTAR JOINTS AT THE EXIT STAIRS OF THE 1930'S BUILDING. CUT, REMOVE AND DISPOSE OF 100% ALL EXISTING VERTICAL AND HORIZONTAL JOINT SEALANTS, INCLUDING UNDERLYING MORTAR A MINIMUM OF 1-1/2-INCHES OR UNTIL SOUND MORTAR FROM ALL ARCHITECTURAL CAST IN PLACE STONE STAIRS AND LANDING. APPLY NEW POINTING MORTAR TO WITHIN 1/2-INCH OF THE SURFACE AND APPLY POLYURETHANE SEALANT TO ALL CAST IN PLACE STONE STAIRS AND LANDING JOINTS. STAIRS SHALL BE POWER WASHED CLEANED. SEE DETAIL 3 & 4 / A4-01.
- DEDUCT ALTERNATES:**
- 1.** DEDUCT ALTERNATE NO.1 - ELIMINATE ALL REPAIR WORK ASSOCIATED WITH THE ENTRY/EXIT STAIRS OF THE 1930'S BUILDING, INCLUDING REPLACING EXISTING SEALANT AND MORTAR JOINTS, ALL AS INCLUDED IN NOTES 7 AND 8.
  - 2.** DEDUCT ALTERNATE NO.2 - ELIMINATE ALL WORK ASSOCIATED TO RESEAL THE EXISTING ALUMINUM SPANDREL PANELS FOR THE 1990'S BUILDING, ALL AS INCLUDED IN NOTE 6.
  - 3.** DEDUCT ALTERNATE NO.3 - ELIMINATE TWO (2) LOCATIONS OF WORK ASSOCIATED WITH REPLACING ARCHITECTURAL CAST STONE WINDOW HEAD, ALL AS INCLUDED IN NOTE 4.

**EXTERIOR ELEVATION LEGEND**

- |           |  |
|-----------|--|
| #         | REPAIR & RESTORATION WORK NOTE                   |
| ---       | LOCALIZED WORK                                   |
| ---       | LIMIT OF WORK                                    |
| [Pattern] | SLATE SHINGLES, TYPICAL                          |
| [Pattern] | BRICK MASONRY, TYPICAL                           |
| [Pattern] | METAL PANEL, TYPICAL                             |
| [Pattern] | WINDOW GLAZING, TYPICAL                          |
| [Pattern] | 1890'S SANDSTONE MASONRY, TYPICAL                |
| [Pattern] | 1930'S ARCHITECTURAL CAST STONE MASONRY, TYPICAL |
| [Pattern] | LIMESTONE PANEL TYPE I, TYPICAL                  |
| [Pattern] | LIMESTONE PANEL TYPE II, TYPICAL                 |



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3 WEST EXTERIOR ELEVATION  
SCALE: 1/8"=1'-0"

### REPAIR AND RESTORATION WORK NOTES:

- ROUTE AND CLEAN EXISTING CRACKS IN ANY SANDSTONE (1890'S BUILDING) DETAIL OR ELEMENT, AND FILL CRACKS WITH INJECTION RESTORATION REPAIR MORTAR. TOTAL QUANTITY OF 50 LINEAL FEET IN SELECT AND RANDOM LOCATIONS ACROSS ALL ELEVATIONS AS SELECTED BY ARCHITECT. REFER TO UNIT PRICES - SPECIFICATION 01 22 00.
  - REPLACE EXISTING SEALANT AND MORTAR JOINTS OF THE EXTERIOR GRANITE STONE STAIRS AT MAIN ENTRANCE OF THE 1890'S LIBRARY BUILDING. CUT, REMOVE AND DISPOSE OF 100% ALL EXISTING VERTICAL AND HORIZONTAL JOINT SEALANTS, INCLUDING UNDERLYING MORTAR A MINIMUM OF 1-1/2-INCHES OR UNTIL SOUND MORTAR FROM ALL GRANITE STONE STAIRS. APPLY NEW POINTING MORTAR TO WITHIN 1/2-INCH OF THE SURFACE AND APPLY POLYURETHANE SEALANT TO ALL GRANITE STONE JOINTS. STAIRS SHALL BE POWER WASHED CLEANED. SEE ENLARGE PLAN 1/ A401 AND DETAIL 5a & 5b / A4-01.
  - ROUTE AND CLEAN EXISTING CRACKS IN ANY ARCHITECTURAL CAST STONE ( 1930S BUILDING ) DETAIL OR ELEMENT, AND FILL CRACKS WITH INJECTION RESTORATION REPAIR MORTAR. TOTAL QUANTITY OF 25 LINEAL FEET IN SELECT AND RANDOM LOCATIONS ACROSS ALL ELEVATION SELECTED BY THE ARCHITECT. SEE DETAIL 1a & 1b/ A4-01. REFER TO UNIT PRICE - SPECIFICATION 01 22 00.
  - REMOVE AND DISPOSE OF EXISTING ARCHITECTURAL CAST STONE WINDOW HEAD IN TWO (2) LOCATIONS AS SELECTED BY THE ARCHITECT. TEMPORARILY SHORE AND SUPPORT OPENING. FABRICATE AND INSTALL NEW REINFORCED ARCHITECTURAL PRECAST HEADER TO MATCH SIZE, TEXTURE, AND COLOR. SEE DETAIL 9A/ A4-01. REFER TO UNIT PRICE - SPECIFICATION 01 22 00 AND DEDUCT ALTERNATE NO. 3
  - CUT OUT AND DISPOSE SPALLS, CHIPS AND DELAMINATIONS IN THE ARCHITECTURAL CAST STONE WINDOW SILL, CUT OUT A MINIMUM 1/2" DEEP & SQUARE OFF ALL EDGES. CLEAN SURFACE & APPLY SINGLE COMPONENT, CEMENTITIOUS MINERAL BASED REPAIR MORTAR TOTAL QUANTITY OF 208 CUBIC INCHES IN SELECT AND RANDOM LOCATIONS ACROSS ALL ELEVATION SELECTED BY THE ARCHITECT. REFER TO UNIT PRICE - SPECIFICATION 01 22 00.
  - RE-SEAL EXISTING ALUMINUM SPANDREL PANELS, AND GLASS PANELS AS IDENTIFIED AT 1990'S BUILDING. SEE DETAIL 8a & 8b / A4-01
    - CUT, REMOVE & DISPOSE OF EXISTING RUBBER GASKETS FLUSH WITH PANEL FRAME. SEE DETAIL 8a/ A4-01
    - APPLY NEW BACKER ROD WHERE GASKETS ARE MISSING BETWEEN THE PANEL AND FRAME.
    - CLEAN AND PRIME SURFACES AND APPLY NON-SAG SINGLE COMPONENT SILICONE SEALANT. COLOR TO BE SELECTED BY ARCHITECT FROM FULL RANGE OF CUSTOM COLORS.
    - REFER TO DEDUCT ALTERNATE NO. 2.
  - CUT OUT AND DISPOSE SPALLS, CHIPS AND DELAMINATION IN THE ARCHITECTURAL CAST IN PLACE STONE EXIT STAIRS OF THE 1930'S BUILDING. CUT OUT A MINIMUM 1" DEEP & SQUARE OFF ALL EDGES. CLEAN SURFACE & APPLY SINGLE COMPONENT, CEMENTITIOUS MINERAL BASED REPAIR MORTAR.
  - REPLACE EXISTING SEALANT AND MORTAR JOINTS AT THE EXIT STAIRS OF THE 1930'S BUILDING. CUT, REMOVE AND DISPOSE OF 100% ALL EXISTING VERTICAL AND HORIZONTAL JOINT SEALANTS, INCLUDING UNDERLYING MORTAR A MINIMUM OF 1-1/2-INCHES OR UNTIL SOUND MORTAR FROM ALL ARCHITECTURAL CAST IN PLACE STONE STAIRS AND LANDING. APPLY NEW POINTING MORTAR TO WITHIN 1/2-INCH OF THE SURFACE AND APPLY POLYURETHANE SEALANT TO ALL CAST IN PLACE STONE STAIRS AND LANDING JOINTS. STAIRS SHALL BE POWER WASHED CLEANED. SEE DETAIL 3 & 4 / A4-01.
- DEDUCT ALTERNATES:**
- DEDUCT ALTERNATE NO.1 - ELIMINATE ALL REPAIR WORK ASSOCIATED WITH THE ENTRY/EXIT STAIRS OF THE 1930'S BUILDING, INCLUDING REPLACING EXISTING SEALANT AND MORTAR JOINTS, ALL AS INCLUDED IN NOTES 7 AND 8.
  - DEDUCT ALTERNATE NO.2 - ELIMINATE ALL WORK ASSOCIATED TO RESEAL THE EXISTING ALUMINUM SPANDREL PANELS FOR THE 1990'S BUILDING, ALL AS INCLUDED IN NOTE 6.
  - DEDUCT ALTERNATE NO.3 - ELIMINATE TWO (2) LOCATIONS OF WORK ASSOCIATED WITH REPLACING ARCHITECTURAL CAST STONE WINDOW HEAD, ALL AS INCLUDED IN NOTE 4.

### EXTERIOR ELEVATION LEGEND

#	REPAIR & RESTORATION WORK NOTE
---	LOCALIZED WORK
----	LIMIT OF WORK
[Pattern]	SLATE SHINGLES, TYPICAL
[Pattern]	BRICK MASONRY, TYPICAL
[Pattern]	METAL PANEL, TYPICAL
[Pattern]	WINDOW GLAZING, TYPICAL
[Pattern]	1890'S SANDSTONE MASONRY, TYPICAL
[Pattern]	1930'S ARCHITECTURAL CAST STONE MASONRY, TYPICAL
[Pattern]	LIMESTONE PANEL TYPE I, TYPICAL
[Pattern]	LIMESTONE PANEL TYPE II, TYPICAL

Drawing Title:

### WEST EXTERIOR ELEVATIONS

Revisions:

Submission:

### BID DOCUMENTS

Date: 11/07/2019  
Project Number: 17152-A  
Project Manager: ALS  
Drawn By: LY/BDG  
Scale: 1/8"=1'-0"

A2-03

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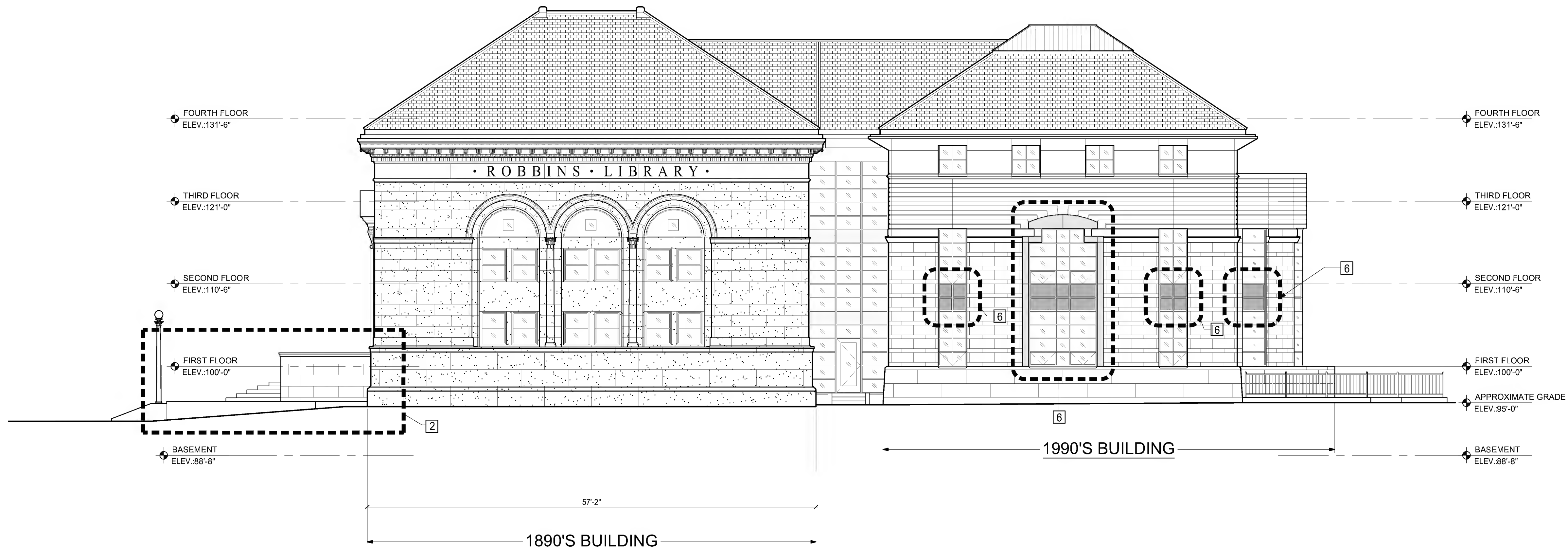
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**EXTERIOR ENVELOPE REPAIRS - PHASE 1A**  
**BID NO. 19-58**





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4 NORTH EXTERIOR ELEVATION  
SCALE: 1/8"=1'-0"

#### REPAIR AND RESTORATION WORK NOTES:

1. ROUTE AND CLEAN EXISTING CRACKS IN ANY SANDSTONE (1890'S BUILDING) DETAIL OR ELEMENT, AND FILL CRACKS WITH INJECTION RESTORATION REPAIR MORTAR. TOTAL QUANTITY OF 50 LINEAL FEET IN SELECT AND RANDOM LOCATIONS ACROSS ALL ELEVATIONS AS SELECTED BY ARCHITECT. REFER TO UNIT PRICES - SPECIFICATION 01 22 00.
  2. REPLACE EXISTING SEALANT AND MORTAR JOINTS OF THE EXTERIOR GRANITE STONE STAIRS AT MAIN ENTRANCE OF THE 1890'S LIBRARY BUILDING. CUT, REMOVE AND DISPOSE OF 100% ALL EXISTING VERTICAL AND HORIZONTAL JOINT SEALANTS, INCLUDING UNDERLYING MORTAR A MINIMUM OF 1-1/2-INCHES OR UNTIL SOUND MORTAR FROM ALL GRANITE STONE STAIRS. APPLY NEW POINTING MORTAR TO WITHIN 1/2-INCH OF THE SURFACE AND APPLY POLYURETHANE SEALANT TO ALL GRANITE STONE JOINTS. STAIRS SHALL BE POWER WASHED CLEANED. SEE ENLARGE PLAN 1/ A401 AND DETAIL 9a & 9b / A4-01.
  3. ROUTE AND CLEAN EXISTING CRACKS IN ANY ARCHITECTURAL CAST STONE ( 1930S BUILDING ) DETAIL OR ELEMENT, AND FILL CRACKS WITH INJECTION RESTORATION REPAIR MORTAR. TOTAL QUANTITY OF 25 LINEAL FEET IN SELECT AND RANDOM LOCATIONS ACROSS ALL ELEVATION SELECTED BY THE ARCHITECT. SEE DETAIL 1a & 1b/ A4-01. REFER TO UNIT PRICE - SPECIFICATION 01 22 00.
  4. REMOVE AND DISPOSE OF EXISTING ARCHITECTURAL CAST STONE WINDOW HEAD IN TWO (2) LOCATIONS AS SELECTED BY THE ARCHITECT. TEMPORARILY SHORE AND SUPPORT OPENING, FABRICATE AND INSTALL NEW REINFORCED ARCHITECTURAL PRECAST HEADER TO MATCH SIZE, TEXTURE, AND COLOR. SEE DETAIL 9A/ A4-01. REFER TO UNIT PRICE - SPECIFICATION 01 22 00 AND DEDUCT ALTERNATE NO. 3
  5. CUT OUT AND DISPOSE SPALLS, CHIPS AND DELAMINATIONS IN THE ARCHITECTURAL CAST STONE WINDOW SILL. CUT OUT A MINIMUM 1/2" DEEP & SQUARE OFF ALL EDGES. CLEAN SURFACE & APPLY SINGLE COMPONENT, CEMENTITIOUS MINERAL BASED REPAIR MORTAR TOTAL QUANTITY OF 208 CUBIC INCHES IN SELECT AND RANDOM LOCATIONS ACROSS ALL ELEVATION SELECTED BY THE ARCHITECT. REFER TO UNIT PRICE - SPECIFICATION 01 22 00.
  6. RE-SEAL EXISTING ALUMINUM SPANDREL PANELS, AND GLASS PANELS AS IDENTIFIED AT 1990'S BUILDING. SEE DETAIL 8a & 8b / A4-01
    - a. CUT, REMOVE & DISPOSE OF EXISTING RUBBER GASKETS FLUSH WITH PANEL FRAME. SEE DETAIL 8a/ A4-01
    - b. APPLY NEW BACKER ROD WHERE GASKETS ARE MISSING BETWEEN THE PANEL AND FRAME.
    - c. CLEAN AND PRIME SURFACES AND APPLY NON-SAG SINGLE COMPONENT SILICONE SEALANT. COLOR TO BE SELECTED BY ARCHITECT FROM FULL RANGE OF CUSTOM COLORS.
    - d. REFER TO DEDUCT ALTERNATE NO. 2.
  7. CUT OUT AND DISPOSE SPALLS, CHIPS AND DELAMINATION IN THE ARCHITECTURAL CAST IN PLACE STONE EXIT STAIRS OF THE 1930'S BUILDING. CUT OUT A MINIMUM 1" DEEP & SQUARE OFF ALL EDGES. CLEAN SURFACE & APPLY SINGLE COMPONENT, CEMENTITIOUS MINERAL BASED REPAIR MORTAR.
  8. REPLACE EXISTING SEALANT AND MORTAR JOINTS AT THE EXIT STAIRS OF THE 1930'S BUILDING. CUT, REMOVE AND DISPOSE OF 100% ALL EXISTING VERTICAL AND HORIZONTAL JOINT SEALANTS, INCLUDING UNDERLYING MORTAR A MINIMUM OF 1-1/2-INCHES OR UNTIL SOUND MORTAR FROM ALL ARCHITECTURAL CAST IN PLACE STONE STAIRS AND LANDING. APPLY NEW POINTING MORTAR TO WITHIN 1/2-INCH OF THE SURFACE AND APPLY POLYURETHANE SEALANT TO ALL CAST IN PLACE STONE STAIRS AND LANDING JOINTS. STAIRS SHALL BE POWER WASHED CLEANED. SEE DETAIL 3 & 4 / A4-01.
- DEDUCT ALTERNATES:**
1. DEDUCT ALTERNATE NO.1 - ELIMINATE ALL REPAIR WORK ASSOCIATED WITH THE ENTRY/EXIT STAIRS OF THE 1930'S BUILDING, INCLUDING REPLACING EXISTING SEALANT AND MORTAR JOINTS, ALL AS INCLUDED IN NOTES 7 AND 8.
  2. DEDUCT ALTERNATE NO.2 - ELIMINATE ALL WORK ASSOCIATED TO RESEAL THE EXISTING ALUMINUM SPANDREL PANELS FOR THE 1990'S BUILDING, ALL AS INCLUDED IN NOTE 6.
  3. DEDUCT ALTERNATE NO.3 - ELIMINATE TWO (2) LOCATIONS OF WORK ASSOCIATED WITH REPLACING ARCHITECTURAL CAST STONE WINDOW HEAD, ALL AS INCLUDED IN NOTE 4.

#### EXTERIOR ELEVATION LEGEND

#	REPAIR & RESTORATION WORK NOTE
---	LOCALIZED WORK
----	LIMIT OF WORK
[Pattern]	SLATE SHINGLES, TYPICAL
[Pattern]	BRICK MASONRY, TYPICAL
[Pattern]	METAL PANEL, TYPICAL
[Pattern]	WINDOW GLAZING, TYPICAL
[Pattern]	1890's SANDSTONE MASONRY, TYPICAL
[Pattern]	1930'S ARCHITECTURAL CAST STONE MASONRY, TYPICAL
[Pattern]	LIMESTONE PANEL TYPE I, TYPICAL
[Pattern]	LIMESTONE PANEL TYPE II, TYPICAL



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ARLINGTON MA, 02476

EXTERIOR  
ENVELOPE  
REPAIRS -  
PHASE 1A  
BID NO. 19-58



Drawing Title:

NORTH  
EXTERIOR  
ELEVATIONS

Revisions:

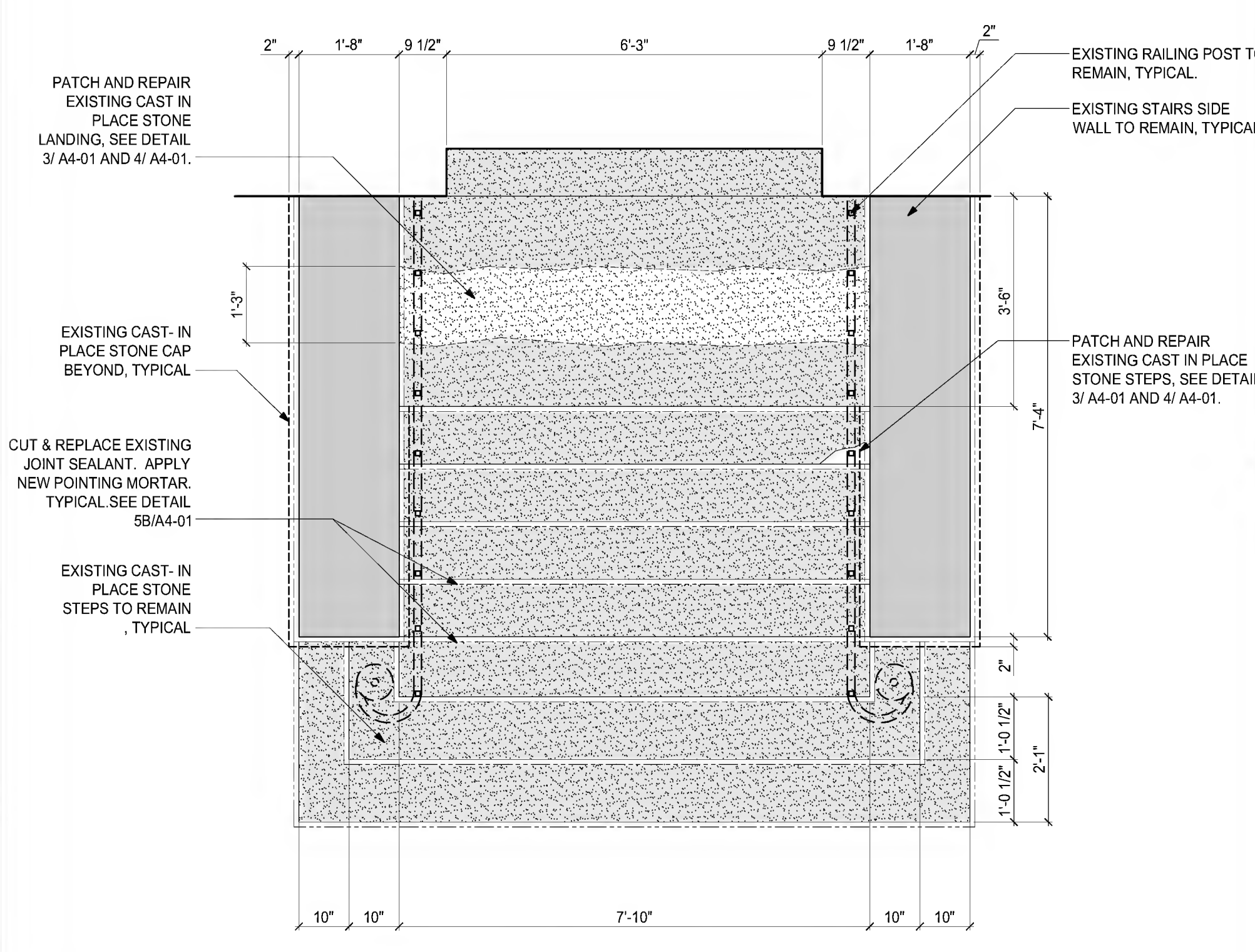
Submission:

BID  
DOCUMENTS

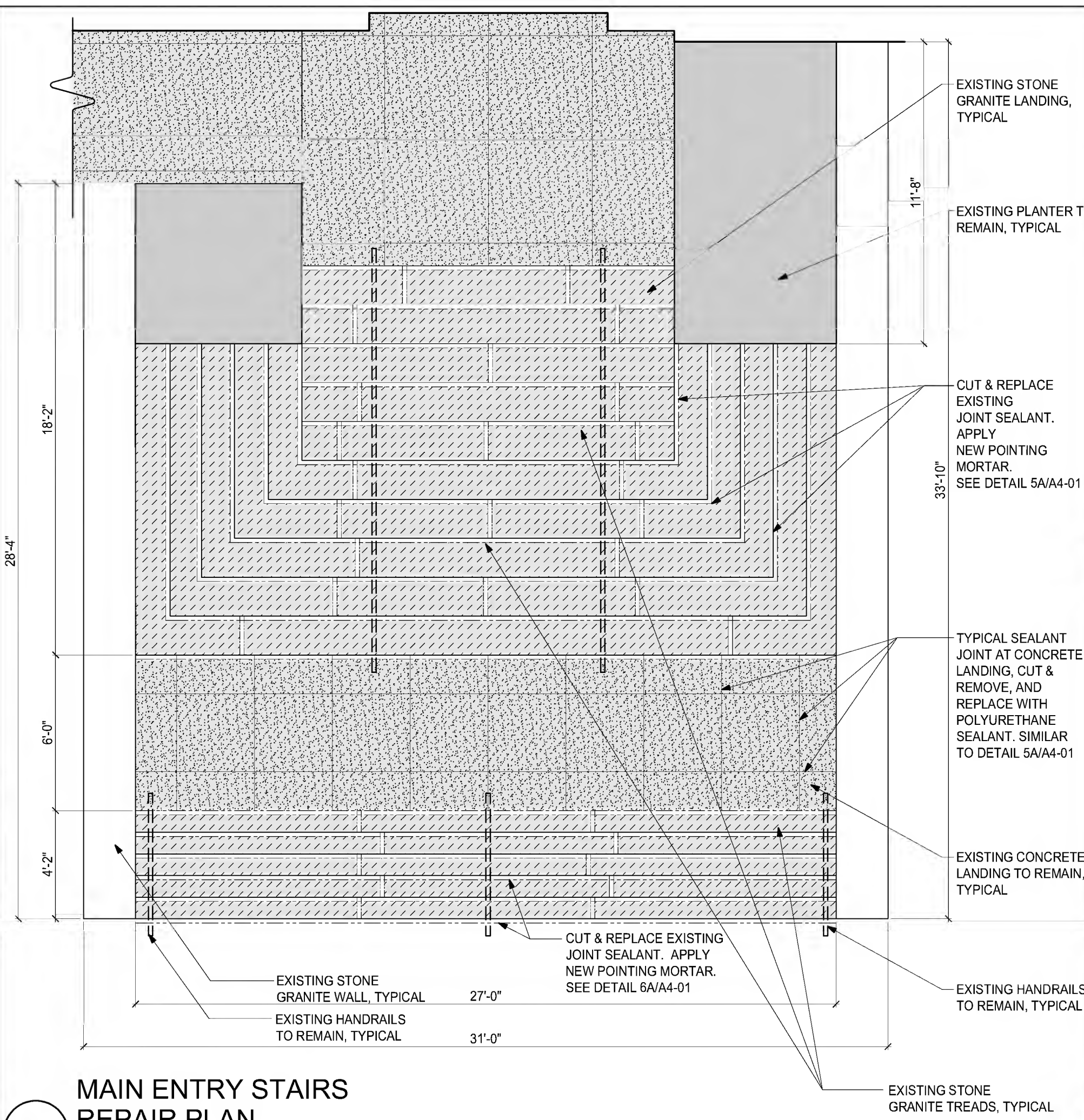
Date: 11/07/2019  
Project Number: 17152-A  
Project Manager: ALS  
Drawn By: LY/BDO  
Scale: 1/8"=1'-0"

A2-04

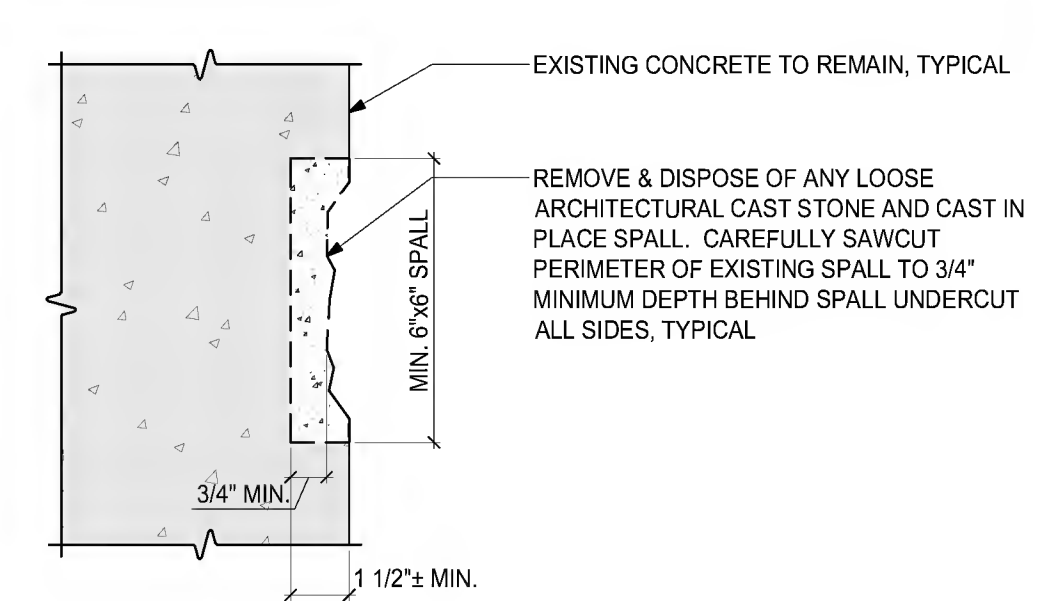




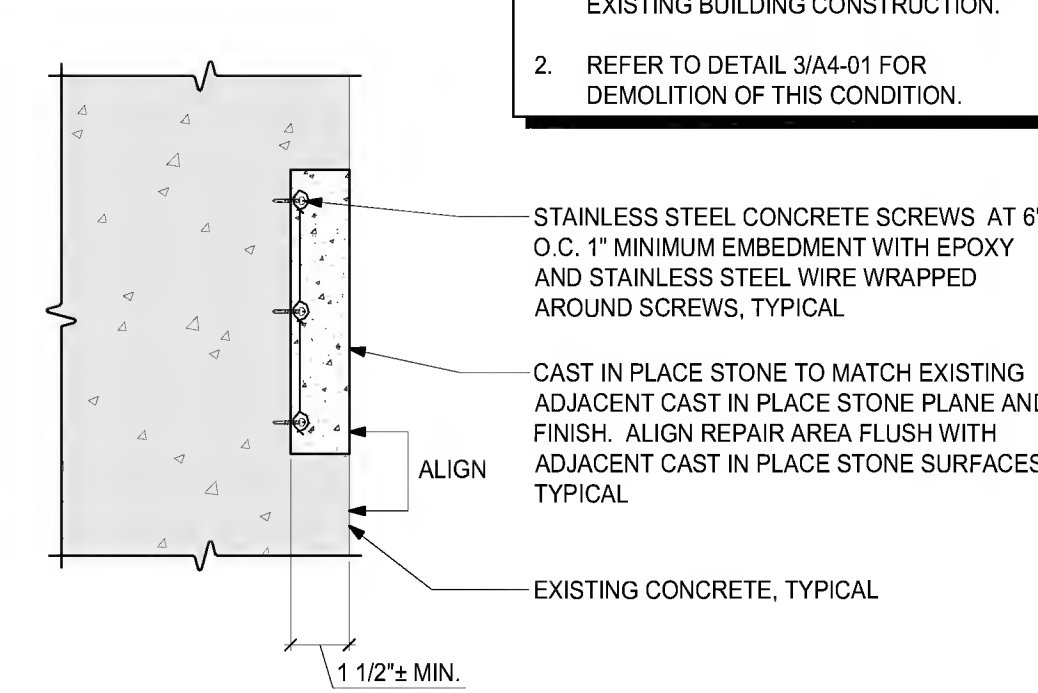
1 1930'S BUILDING  
EXIT STAIRS REPAIR PLAN  
SCALE: 1/2"=1'-0"



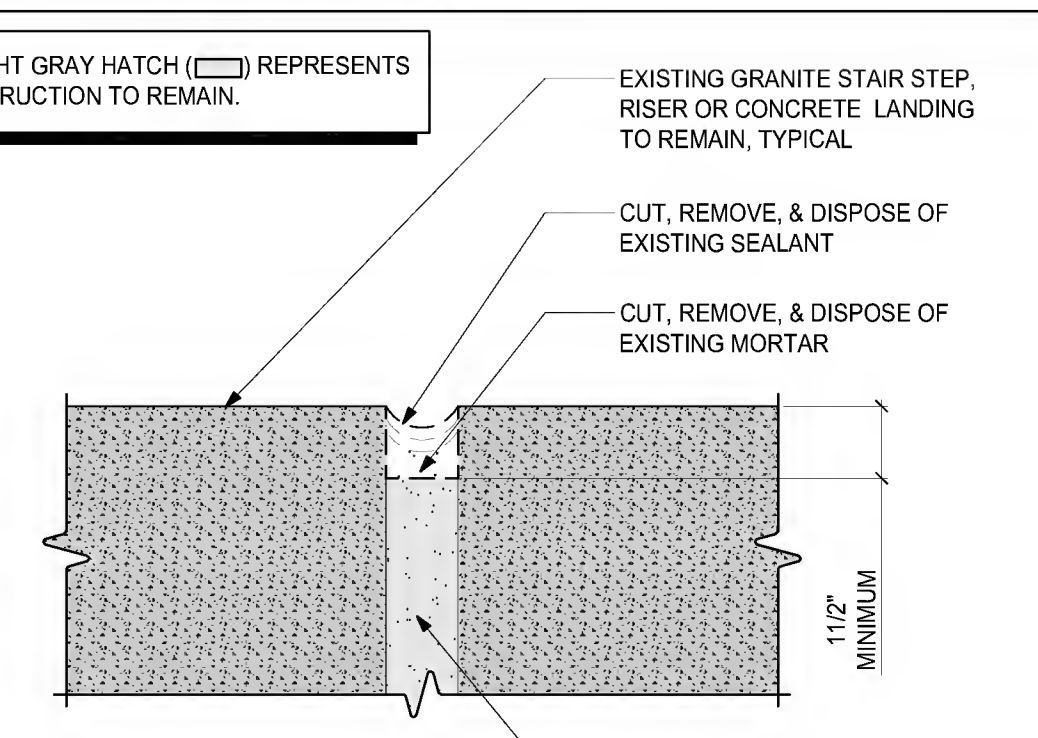
2 MAIN ENTRY STAIRS  
REPAIR PLAN  
SCALE: 1/4"=1'-0"



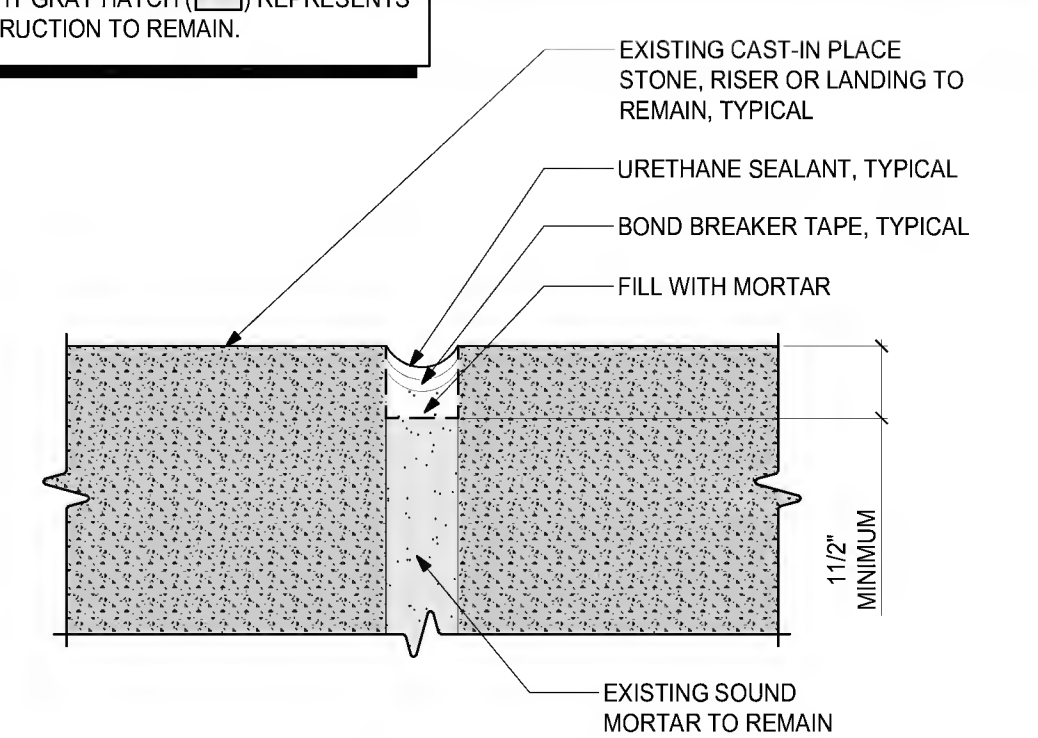
3 TYPICAL ARCHITECTURAL CAST STONE  
SPALL REPAIR DEMOLITION DETAIL  
SCALE: 3"=1'-0"



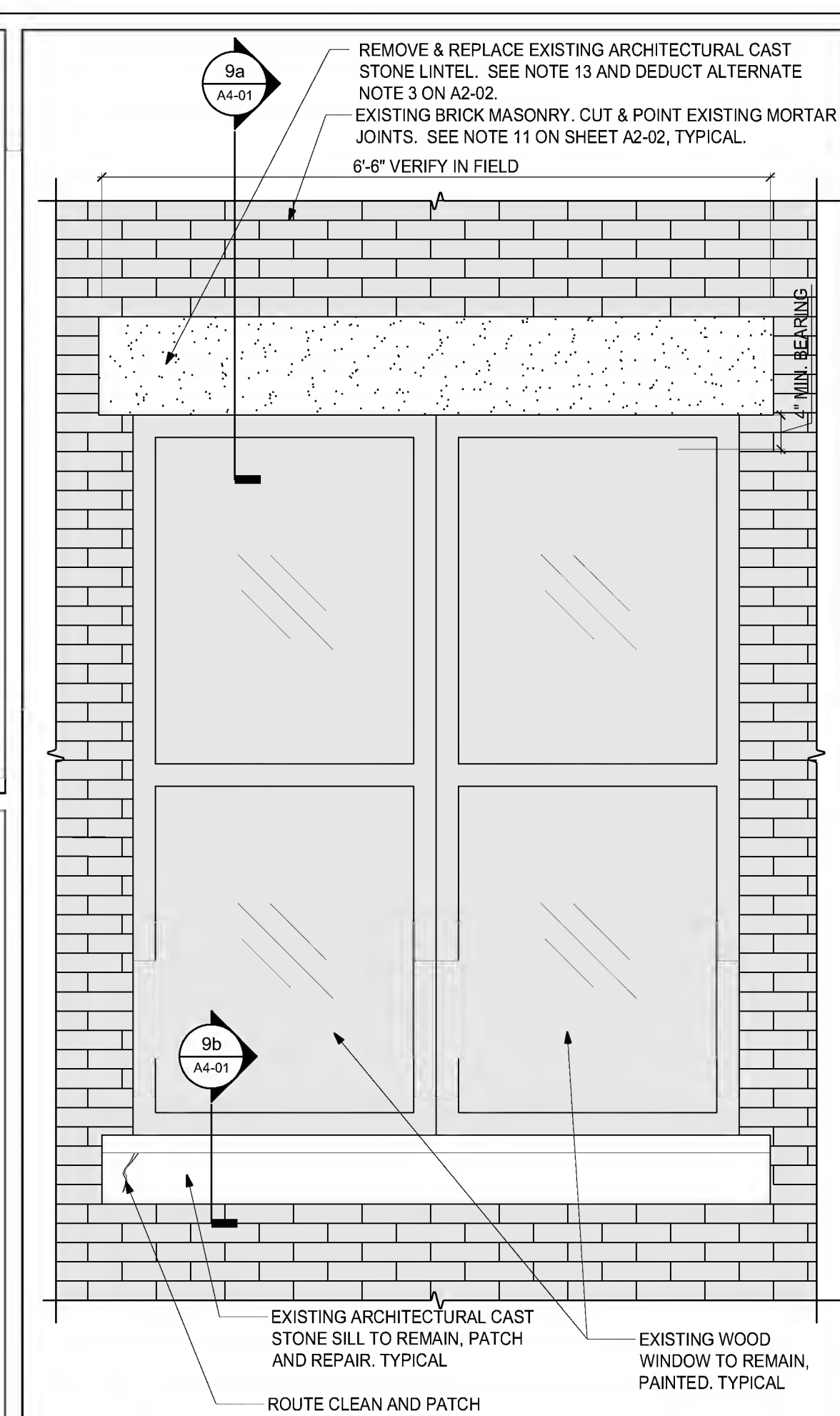
4 TYPICAL ARCHITECTURAL CAST STONE  
SPALL REPAIR DETAIL  
SCALE: 3"=1'-0"



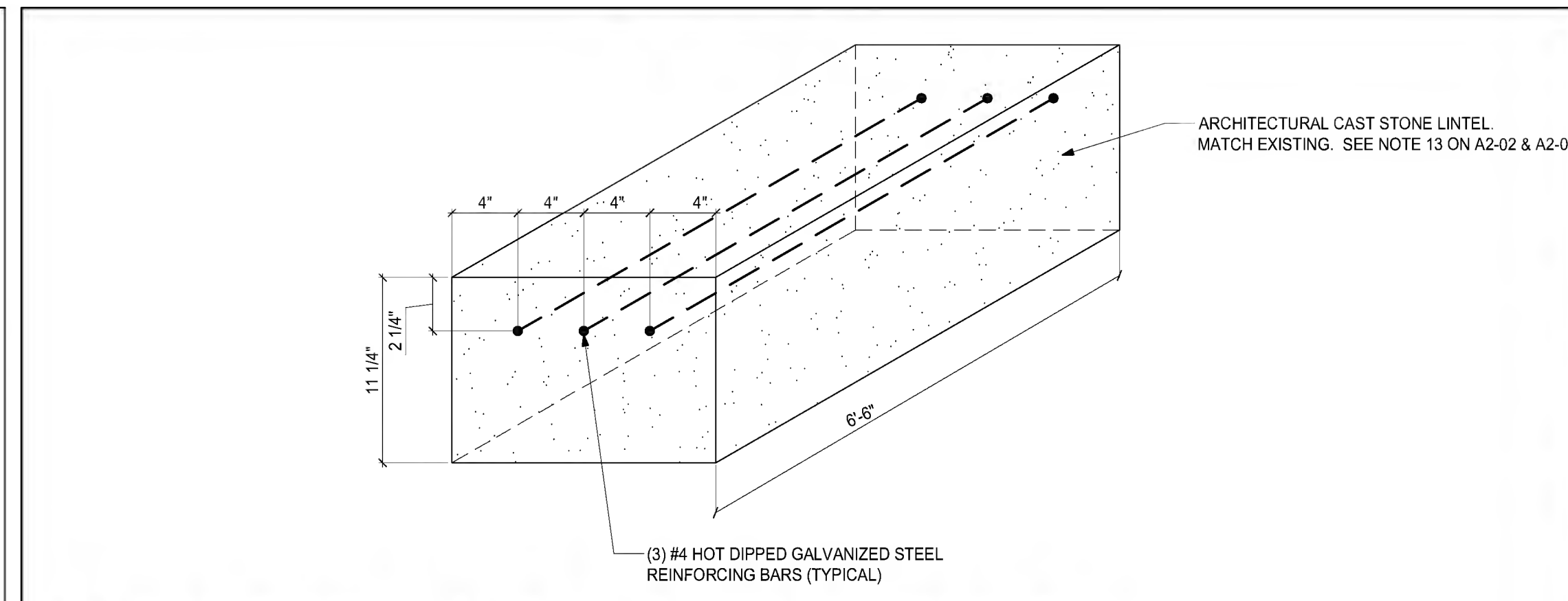
5A TYPICAL POINTING DEMOLITION OF  
GRANITE AND CAST IN PLACE  
STONE STAIR JOINT DETAIL  
SCALE: 3"=1'-0"



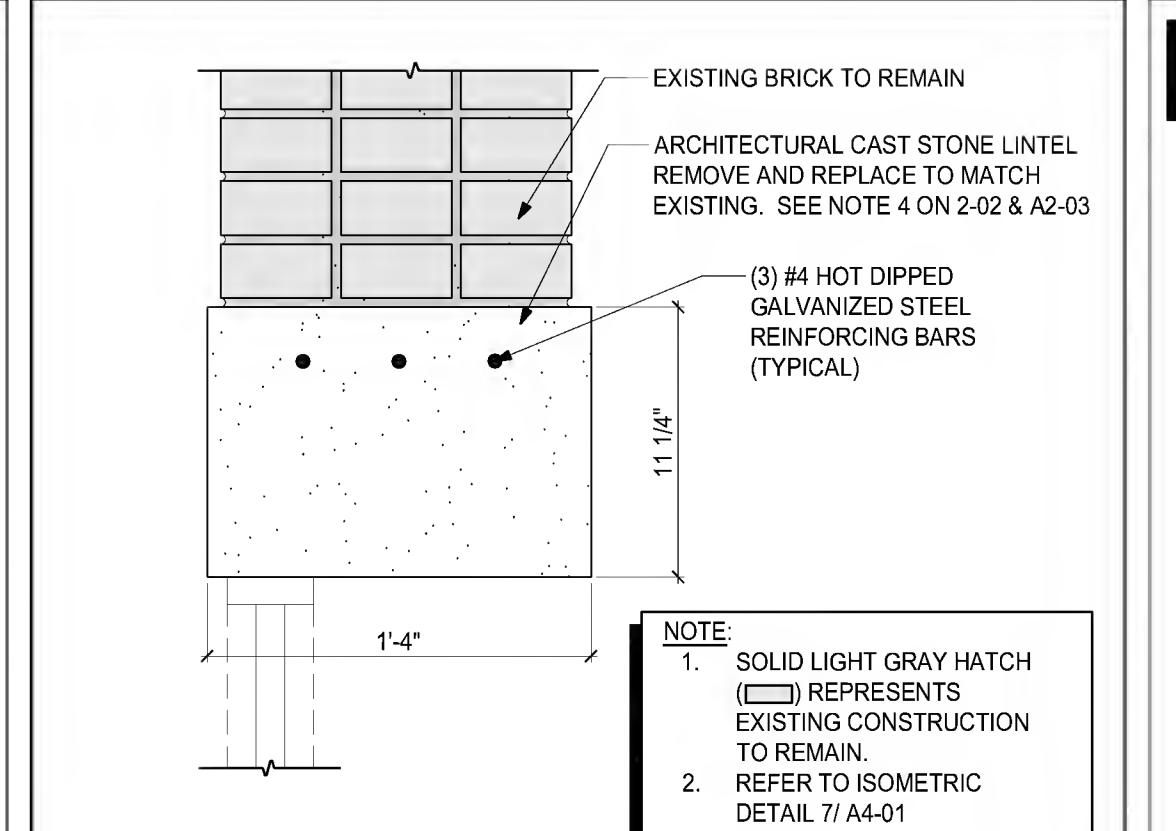
5B TYPICAL POINTING OF CAST IN  
PLACE AND GRANITE STONE  
JOINT DETAIL  
SCALE: 3"=1'-0"



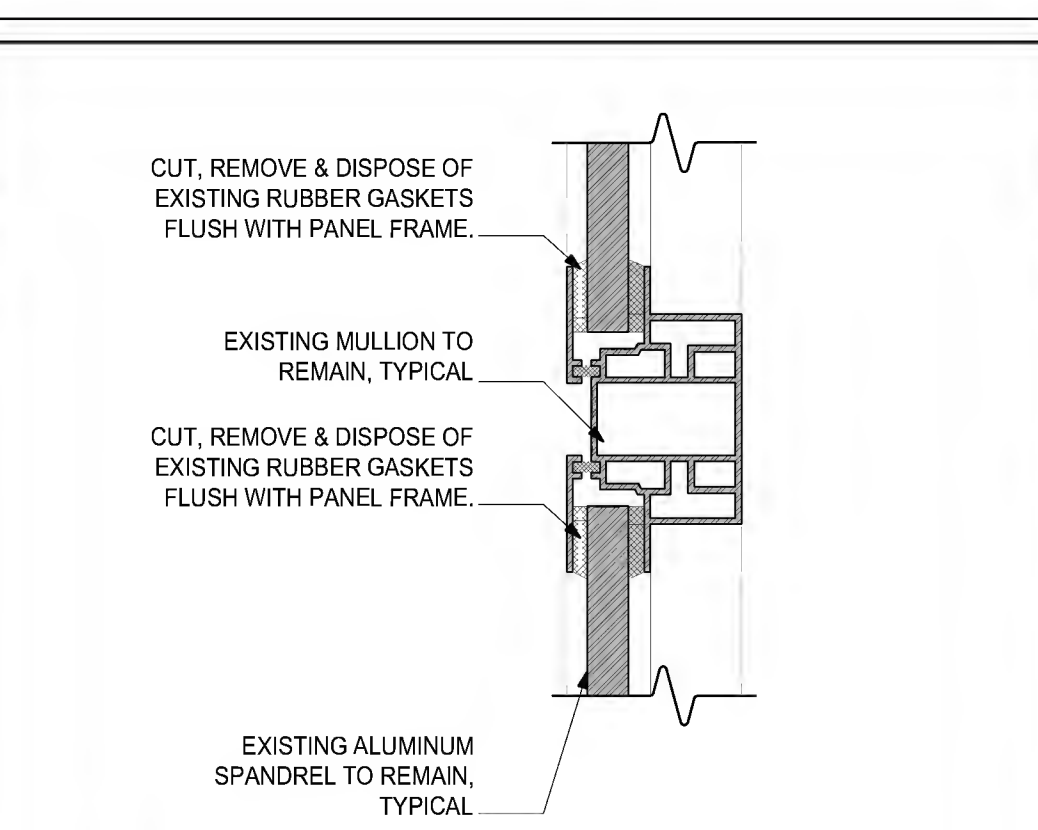
6 ARCHITECTURAL CAST STONE  
LINTEL ENLARGED ELEVATION  
SCALE: 3/4"=1'-0"



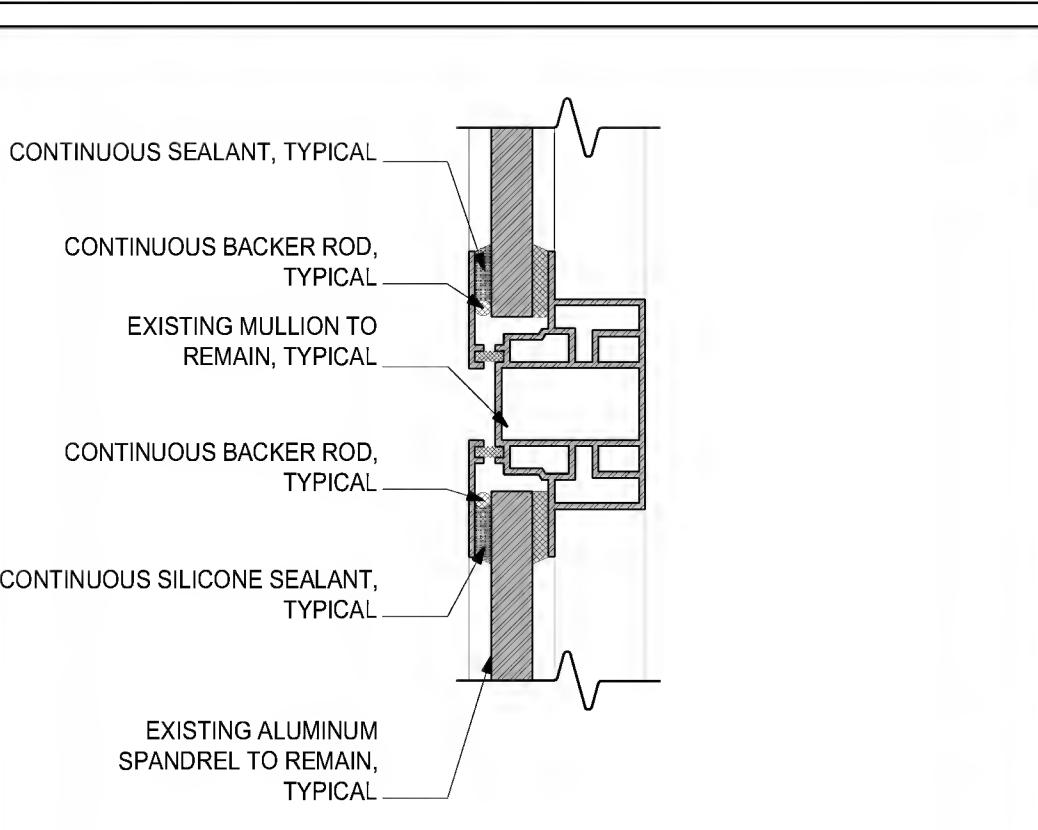
8 ARCHITECTURAL CAST STONE LINTEL ISOMETRIC DETAIL  
SCALE: 1-1/2"=1'-0"



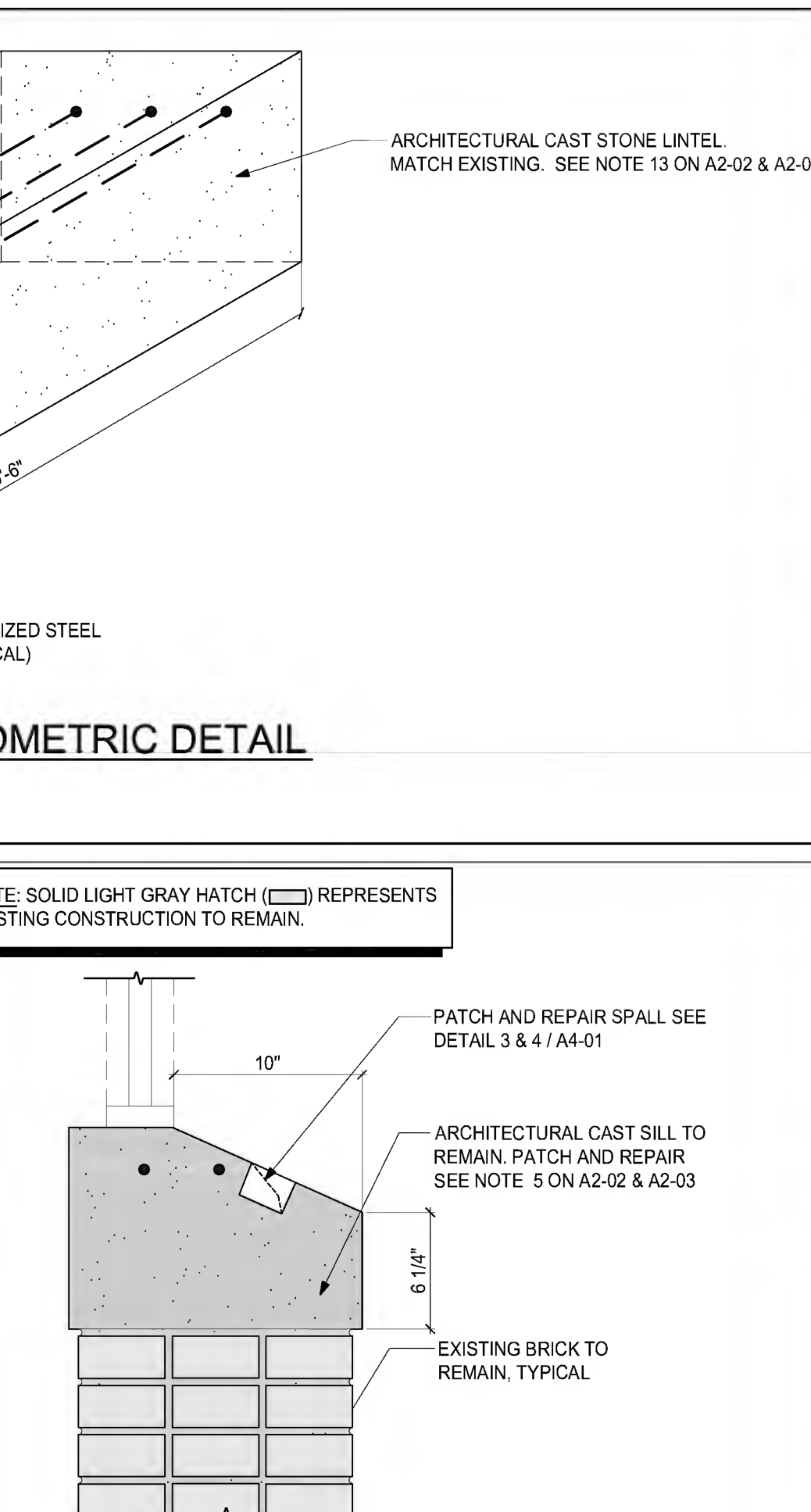
9A ARCHITECTURAL CAST STONE  
LINTEL REPLACEMENT DETAIL  
SCALE: 1-1/2"=1'-0"



7a ALUMINUM SPANDREL  
TYPICAL DEMOLITION DETAIL  
SCALE: 3"=1'-0"



7b ALUMINUM SPANDREL  
TYPICAL DETAIL  
SCALE: 3"=1'-0"



9B ARCHITECTURAL CAST STONE  
SILL REPAIR DETAIL  
SCALE: 1-1/2"=1'-0"

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**EXTERIOR  
ENVELOPE  
REPAIRS -  
PHASE IA  
BID NO. 19-58**



Drawing Title:  
**REPAIR &  
RESTORATION  
DETAILS**

Revisions:

Submission:  
**BID  
DOCUMENTS**

Date: 11/07/2019  
Project Number: 17152-A  
Project Manager: ALS  
Drawn By: RF  
Scale: AS NOTED

**A4-01**